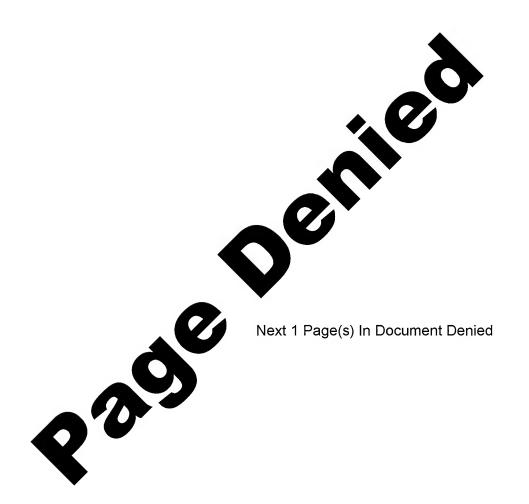
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- d. Antenna Block Switch: Worked well but was a little difficult to get to when switching from tune to transmit.
- e. C 9 and L 5. These controls are listed together due to their effect on each other. Most of the variations from normal were observed at the higher frequencies. The hand effect when tuning C 9 was such that when the hand was removed the antenna loading lamp increased in brilliance appreciably. It was sometimes difficult to get a perceptible indication of loading from the load lamp. On two occasions loading could only be distinguished when L 5 was on the proper impedance match and could not be detected at all on the setting of L 5. It was also noted particularly at the higher frequencies that as inductance was switched out of the circuit capacity from C 9 had to be added. This effect was noted to the extent that the reference markings on C 9 could be used in general sense only.
- f. General. The antenna wire broke and was repaired. An external key was used during the tests and worked quite well. A pair of Trimm headphones were used and worked much better than the telex earpiece provided.

RECOMMENDATIONS: The only recommendations that can be made are minor in nature. First: A slightly tighter BFO sleeve is desirable. Second: A lower wattage lamp for use in load indicating at the higher frequencies should be provided as an accessory. Third: The antenna wire from the adaptor plug should be heavier gauge. Finally, for the test it was necessary to make up a special adaptor plug for the receiver and the TA-1. Since the exact type receiver the unit will be used with operationally is not known, it would not be practical at this time to recommend as a standard adaptor plug any other then the one originally furnished with the equipment.

CON	CLUSIONS:	The eq	uipment	worked	very well	l and li	ttle <u>dif</u>	ficulty	
was	encounter	ed in s	etting u	p or tu	ning the	equipme	nt.		

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